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Substitute for form 1449A/PTO		Complete if Known	
		Application Number	10/625,825
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	July 22, 2003
		First Named Inventor	Anatoly E. Martynyuk
		Group Art Unit	1614
		Examiner Name	SPIVACK
(use as many sheets as necessary)		Attorney Docket Number	UF-281D2
Sheet	1	of	4

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
PS	U1	4,279,917		Takami <i>et al.</i>	07-21-1981	All
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PS	U3	4,604,286		Kawajiri	08-05-1986	All
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PS	U5	6,013,672		Ye <i>et al.</i>	01-11-2000	All
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PS	U15	10/489,807		Martynyuk <i>et al.</i> (patent application)	03-15-2004	All
	U16					
	U17					

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Examiner Signature	Phyllis Spivack	Date Considered	8/5/05
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PS	R14	SAPOLSKY, R.M. "Cellular defenses against excitotoxic insults" <i>Journal of Neurochemistry</i> , 2001, 76:1601-1611.		
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PS	R20	CHOI, D.W. "Excitotoxic Cell Death" <i>J. Neurobiol.</i> , 1992, 23(9):1261-1276.		
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PS	R22	KOSTYUK, P.G. <i>et al.</i> "Effects of intracellular administration of L-tyrosine and L-phenylalanine on voltage-operated calcium conductance in PC12 pheochromocytoma cells" <i>Brain Res.</i> , 1991, 550:11-14.		
PS	R23	KRYSTAL, J.H. <i>et al.</i> "NMDA Agonists and Antagonist as Probes of Glutamatergic Dysfunction and Pharmacotherapies in Neuropsychiatric Disorders" <i>Harv. Rev. Psychiatry</i> , Sept.-Oct. 1999, 7(3):125-143.		
PS	R24	LIPTON, S.A. and P.A. ROSENBERG "Excitatory Amino Acids as a Final Common Pathway for Neurologic Disorders" <i>N. Engl. J. Med.</i> , 1994, 330(9):613-622.		
PS	R25	MARTYNYUK, A.E. <i>et al.</i> "Blocking effect of intraperitoneal injection of phenylalanine on high-threshold calcium currents in rat hippocampal neurons" <i>Brain Res.</i> , 1991, 552:228-231.		
PS	R26	MARTYNYUK, A.E. <i>et al.</i> "Adenosine increases potassium conductance in isolated rabbit atrioventricular nodal myocytes" <i>Cardiovasc. Res.</i> 1995, 30:668-675.		

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PS	R27	MARTYNYUK, A.E. <i>et al.</i> "Hyperkalemia Enhances the Effect of Adenosine on I _{K,ADO} in Rabbit Isolated AV Nodal Myocytes and on AV Nodal Conduction in Guinea Pig Isolated Heart" <i>Circulation</i> , 1999, 99:312-318.	
PS	R28	MOREY, T.E. <i>et al.</i> "Structure-Activity Relationships and Electrophysiological Effects of Short-Acting Amiodarone Homologs in Guinea Pig Isolated Heart" <i>J. Pharmacol. Exp. Ther.</i> , 2001, 297(1):260-266.	
PS	R29	MOREY, T.E. <i>et al.</i> "Ionic Basis of the Differential Effects of Intravenous Anesthetics on Erythromycin-induced Prolongation of Ventricular Repolarization in the Guinea Pig Heart" <i>Anesthesiology</i> , 1997, 87:1172-1181.	
PS	R30	SEUBERT, C.N. <i>et al.</i> "Midazolam Selectively Potentiates the A _{2A} but not A ₁ receptor-mediated Effects of Adenosine" <i>Anesthesiology</i> , 2000, 92:567-577.	
PS	R31	TANAKA, H. <i>et al.</i> "The AMPAR subunit GluR2: still front and center-stage" <i>Brain Res.</i> , 2000, 886:190-207.	
PS	R32	WEISS, J.H. and S.L. SENS "Ca ²⁺ -Zn ²⁺ permeable AMPA or kainite receptors: possible key factors in selective neurodegeneration" <i>Trends Neurosci.</i> , 2000, 23(8):365-371.	
PS	R33	ZIMA, A. <i>et al.</i> "Antagonism of the Positive Dromotropic Effect of Isoproterenol by Adenosine: Role of Nitric Oxide, cGMP-dependent camp-phosphodiesterase and Protein Kinase G" <i>J. Mol. Cell. Cardiol.</i> , 2000, 32:1609-1619.	
PS	R34	GLUSHAKOV, A.V. <i>et al.</i> "L-phenylalanine selectively depresses currents at glutamatergic excitatory synapses" <i>J. Neurosci. Res.</i> , 2003, 72:116-124.	
PS	R35	GLUSHAKOV, A.V. <i>et al.</i> "Specific inhibition of N-methyl-D-aspartate receptor function in rat hippocampal neurons by L-phenylalanine at concentrations observed during phenylketonuria" <i>Molecular Psychiatry</i> , 2002, 7:359-367.	
PS	R36	LIECHTY, E.A. <i>et al.</i> "Aromatic amino acids are utilized and protein synthesis is stimulated during amino acid infusion in the ovine fetus" <i>J. Nutrition</i> , 1999, 129:1161-1166.	
	R37		
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		Application Number	10/625,825
		Filing Date	July 22, 2003
		First Named Inventor	Anatoly E. Martynyuk
		Group Art Unit	1614
		Examiner Name	SPIVACK
		Attorney Docket Number	UF-281D2
Sheet	3	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PS	R14	SAPOLSKY, R.M. "Cellular defenses against excitotoxic insults" <i>Journal of Neurochemistry</i> , 2001, 76:1601-1611.	
PS	R15	SCHOEPP, D.D. <i>et al.</i> "Metabotropic glutamate receptors in brain function and pathology" <i>TIPS</i> , January 1993, 14:13-20.	
PS	R16	SEKIYAMA, N. <i>et al.</i> "Structure-activity relationships of new agonists and antagonists of different metabotropic glutamate receptor subtypes" <i>British Journal of Pharmacology</i> , 1996, 117:1493-1503.	
PS	R17	WATKINS, J. <i>et al.</i> "Phenyglycine derivatives as antagonists of metabotropic glutamate receptors" <i>TIPS</i> , September 1994, 15:333-342.	
PS	R18	ZIPFEL, G.J. <i>et al.</i> "Neuronal apoptosis after CNS injury: The roles of glutamate and calcium" <i>Journal of Neurotrauma</i> , 2000, 17(10):857-869.	
PS	R19	BELARDINELLI, L. <i>et al.</i> "1,3-Dipropyl-8-[2-(5,6-Epoxy)Norbornyl]Xanthine, a Potent, Specific and Selective A ₁ Adenosine Receptor Antagonist in the Guinea Pig Heart and Brain and in DDT ₁ MF-2 Cells" <i>J. Pharmacol. Exp. Ther.</i> , 1995, 275(3):1167-1176.	
PS	R20	CHOI, D.W. "Excitotoxic Cell Death" <i>J. Neurobiol.</i> , 1992, 23(9):1261-1276.	
PS	R21	DENNIS, D.M. <i>et al.</i> "Homologous Desensitization of the A ₁ -Adenosine Receptor System in the Guinea Pig Atrioventricular Node" <i>J. Pharmacol. Exp. Ther.</i> , 1995, 272(3):1024-1035.	
PS	R22	KOSTYUK, P.G. <i>et al.</i> "Effects of intracellular administration of L-tyrosine and L-phenylalanine on voltage-operated calcium conductance in PC12 pheochromocytoma cells" <i>Brain Res.</i> , 1991, 550:11-14.	
PS	R23	KRYSTAL, J.H. <i>et al.</i> "NMDA Agonists and Antagonist as Probes of Glutamatergic Dysfunction and Pharmacotherapies in Neuropsychiatric Disorders" <i>Harv. Rev. Psychiatry</i> , Sept.-Oct. 1999, 7(3):125-143.	
PS	R24	LIPTON, S.A. and P.A. ROSENBERG "Excitatory Amino Acids as a Final Common Pathway for Neurologic Disorders" <i>N. Engl. J. Med.</i> , 1994, 330(9):613-622.	
PS	R25	MARTYNYUK, A.E. <i>et al.</i> "Blocking effect of intraperitoneal injection of phenylalanine on high-threshold calcium currents in rat hippocampal neurons" <i>Brain Res.</i> , 1991, 552:228-231.	
PS	R26	MARTYNYUK, A.E. <i>et al.</i> "Adenosine increases potassium conductance in isolated rabbit atrioventricular nodal myocytes" <i>Cardiovasc. Res.</i> 1995, 30:668-675.	

Examiner Signature	<i>Rhettis Spivack</i>	Date Considered	8/5/05
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PS	R27	MARTYNYUK, A.E. <i>et al.</i> "Hyperkalemia Enhances the Effect of Adenosine on I _{K,ADO} in Rabbit Isolated AV Nodal Myocytes and on AV Nodal Conduction in Guinea Pig Isolated Heart" <i>Circulation</i> , 1999, 99:312-318.		
PS	R28	MOREY, T.E. <i>et al.</i> "Structure-Activity Relationships and Electrophysiological Effects of Short-Acting Amiodarone Homologs in Guinea Pig Isolated Heart" <i>J. Pharmacol. Exp. Ther.</i> , 2001, 297(1):260-266.		
PS	R29	MOREY, T.E. <i>et al.</i> "Ionic Basis of the Differential Effects of Intravenous Anesthetics on Erythromycin-induced Prolongation of Ventricular Repolarization in the Guinea Pig Heart" <i>Anesthesiology</i> , 1997, 87:1172-1181.		
PS	R30	SEUBERT, C.N. <i>et al.</i> "Midazolam Selectively Potentiates the A _{2A} but not A ₁ receptor-mediated Effects of Adenosine" <i>Anesthesiology</i> , 2000, 92:567-577.		
PS	R31	TANAKA, H. <i>et al.</i> "The AMPAR subunit GluR2: still front and center-stage" <i>Brain Res.</i> , 2000, 886:190-207.		
PS	R32	WEISS, J.H. and S.L. SENSITIVE "Ca ²⁺ -Zn ²⁺ permeable AMPA or kainite receptors: possible key factors in selective neurodegeneration" <i>Trends Neurosci.</i> , 2000, 23(8):365-371.		
PS	R33	ZIMA, A. <i>et al.</i> "Antagonism of the Positive Dromotropic Effect of Isoproterenol by Adenosine: Role of Nitric Oxide, cGMP-dependent camp-phosphodiesterase and Protein Kinase G" <i>J. Mol. Cell. Cardiol.</i> , 2000, 32:1609-1619.		
PS	R34	GLUSHAKOV, A.V. <i>et al.</i> "L-phenylalanine selectively depresses currents at glutamatergic excitatory synapses" <i>J. Neurosci. Res.</i> , 2003, 72:116-124.		
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PS	R36	LIECHTY, E.A. <i>et al.</i> "Aromatic amino acids are utilized and protein synthesis is stimulated during amino acid infusion in the ovine fetus" <i>J. Nutrition</i> , 1999, 129:1161-1166.		
	R37			
	R38			
	R39			

Examiner Signature	Phyllis Spivack	Date Considered	8/5/05
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